



# **TITLE OF THE INVENTION**

**Paint Roller Cleaning and Conditioning Tool**

## **CROSS REFERENCE TO RELATED APPLICATIONS**

**"Not Applicable"**

## **STATEMENT WITH REGARDS TO FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT**

**"Not Applicable"**

## **REFERENCE TO A "MICROFICHE" APPENDIX**

**"Not Applicable"**

## **BACKGROUND OF THE INVENTION**

Paint rollers are in widespread use by homeowners and "do it your selfers as well as by professional painters to apply various kinds of paints. Since the rollers are generally well made they are capable of reuse after cleaning, but this is a rather messy and time consuming job. This tool greatly simplifies that job in addition it allows the user to recycle the paint left in the roller and enhance the performance of a new roller before its first use.

## **BRIEF SUMMARY OF THE INVENTION**

It is an object of this invention to enable a paint roller to be thoroughly and quickly cleaned in an efficient manner with a minimum of mess and a minimum expenditure of time and effort.

It is a further object of this invention to provide a tool which is adapted to be used with ease in conjunction with an ordinary electric hand drill of the type used by many "do it your selfers" and others without modification of the drill.

It is a further object of this invention to provide a tool which can readily be adapted to clean paint rollers of different lengths by providing for the ease in exchanging the roller cover support from one length to another to accommodate roller covers of varying lengths.

It is a further object of this invention to provide a tool which can be used to clean a roller cover having a "NAPCAP"<sup>TM</sup> end cover of the type disclosed in my U.S. patent No. 5,613,264 installed thereon without the necessity of removing the end cap to clean both the roller cover and the end cap simultaneously.

It is a further object of this invention to provide a tool which can be used to easily recycle a considerable amount of paint from the roller especially with longer length naps by spinning it back into a paint pail.

It is a further object of this invention to provide a tool which can be used to precondition a new roller by enhancing its performance when it is rinsed and spun out. This will flush out the "fuzz" and "cut" fibers that are left in the roller in the manufacturing process even after they were vacuumed. It will also tend to spread the fibers in the nap enabling the roller to hold much more paint.

#### BRIEF DESCRIPTION OF THE DRAWINGS

Fig. 1 is a side elevation view of the cleaning tool.

Fig. 2 a side elevation view of the cleaning tool with the roller cover support removed.

Fig. 3 is a side elevation view of the cleaning tool showing the sleeve guide.

Fig. 4 is a side elevation view of the cleaning tool showing a variation of Fig. 2 and Fig. 3